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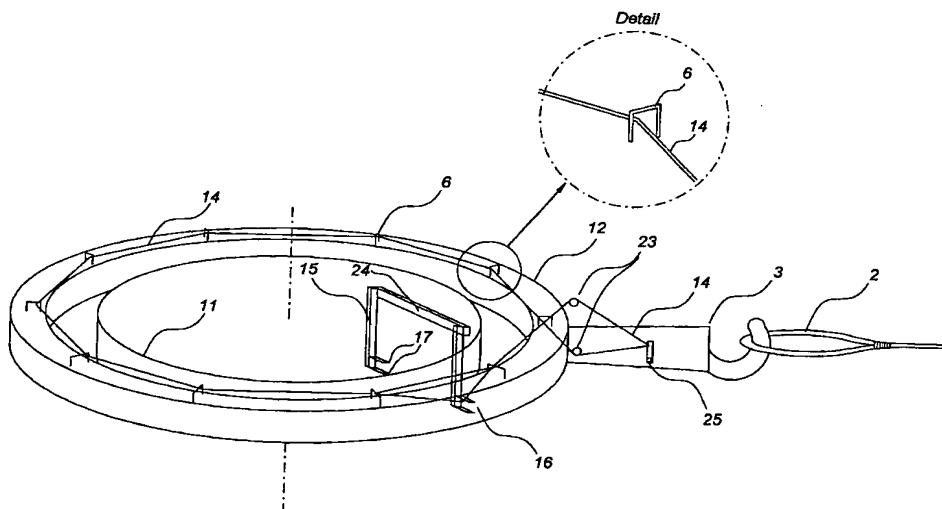
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(54) Title: ACTUATING DEVICE FOR A TOWING DEVICE ON A TUGBOAT



(57) Abstract: The invention relates to the actuating device (10) for a towing device, which can rotate through 360 degrees in the horizontal plane, on a tugboat (1). The installation comprises a circular, flexible guide body (14), which is supported by one or more guide supports (11, 12), around the axis of rotation of the towing device (10) and one or more contact body (15)(bodies). Changing the position of these components leads to the transmission of (contact) forces for actuation of the towing installation. On account of the circular shape of the guide body, the towing installation can be actuated simply and reliably irrespective of the rotational position.

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## INTERNATIONAL SEARCH REPORT

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PCT/EP 3/00935

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B63B21/58 B63B21/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B63B B66D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/30650 A (M VAN DER LAAN ;IMC CORPORATE LICENSING BV (NL)) 3 May 2001 (2001-05-03) page 7, line 9 -page 10, line 9; figures -----	1,2,6,7
A	US 5 694 877 A (HVIDE JOHAN ERIK) 9 December 1997 (1997-12-09) abstract; figures -----	1
A	DE 11 57 501 B (PIEKEN, FRIEDRICH) 14 November 1960 (1960-11-14) column 1, line 1 - line 46; figures -----	1
A	FR 2 306 868 A (WESER AG) 5 November 1976 (1976-11-05) claim 1; figures -----	1

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Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the International search report
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